

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016201.D
 Acq On : 06 Aug 2018 21:10
 Operator : SJ/JU
 Sample : J4333-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-4

Quant Time: Aug 07 04:19:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

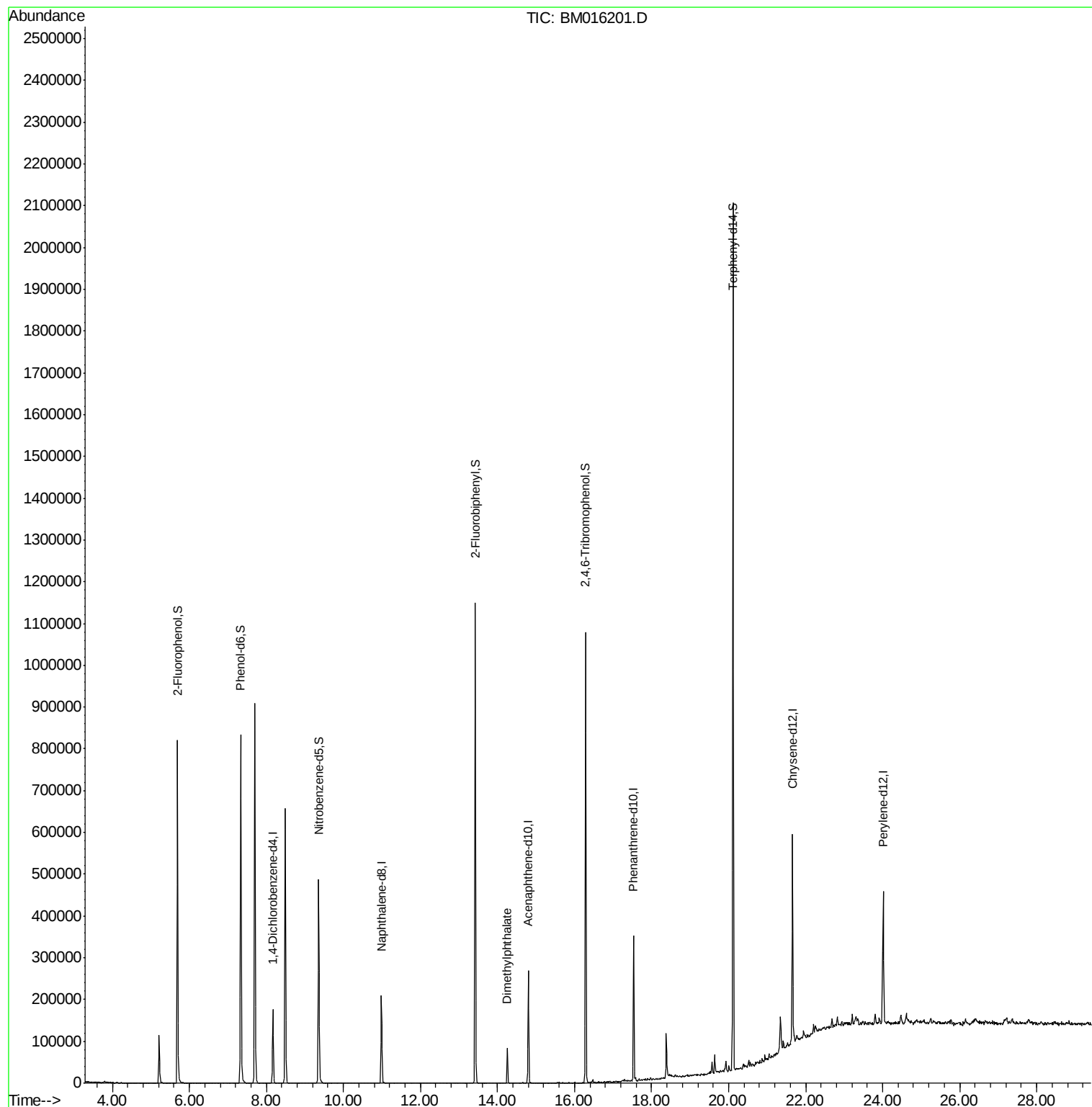
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	37447	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	144384	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	73494	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	162968	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	185488	20.00	ng	-0.04
86) Perylene-d12	24.01	264	193215	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	263778	117.01	ng	-0.05
7) Phenol-d6	7.33	99	326476	110.89	ng	-0.05
23) Nitrobenzene-d5	9.36	82	239869	77.27	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	100960	108.31	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	438049	72.52	ng	-0.06
78) Terphenyl-d14	20.12	244	698943	78.88	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.25	163	45688	7.103	ng	Qvalue 99

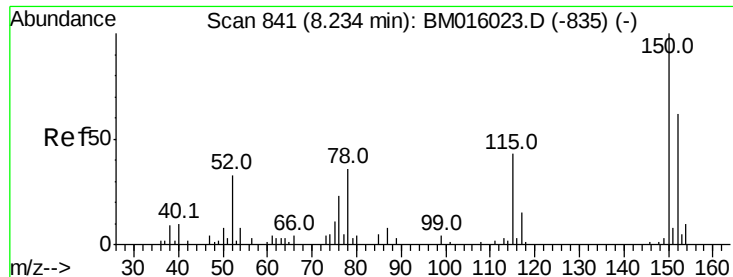
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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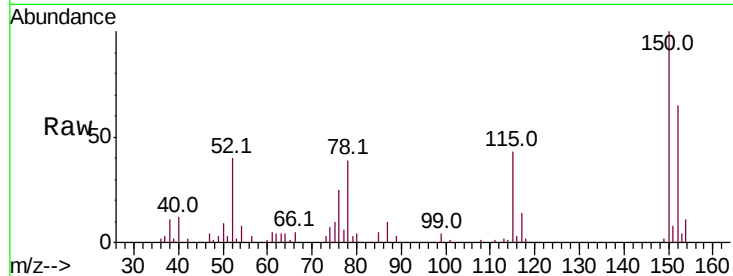


#1

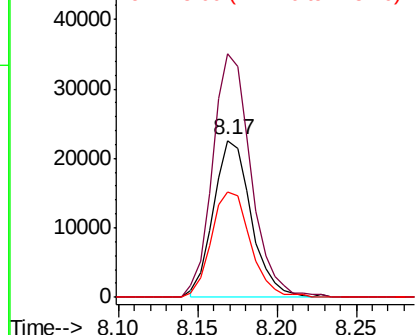
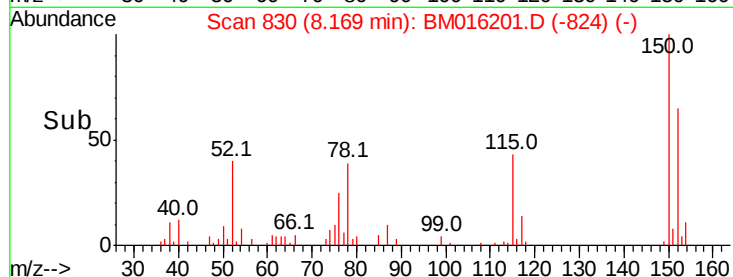
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.06 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

Instrument :
 BNA_M
 ClientSampled :
 SOIL-4

Tot Ion:152 Resp: 37447
 Ion Ratio Lower Upper
 152 100
 150 155.0 119.5 179.3
 115 67.4 43.0 64.4#



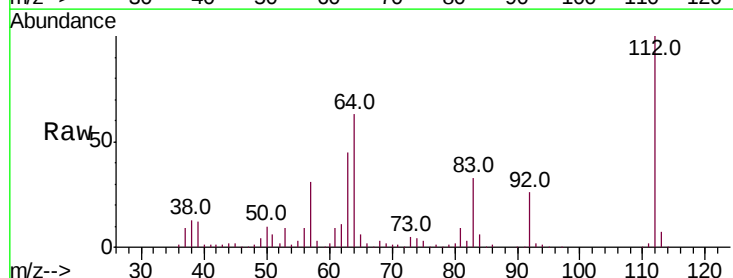
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



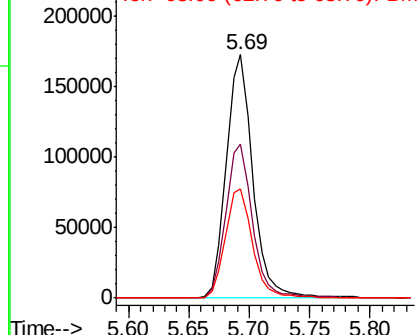
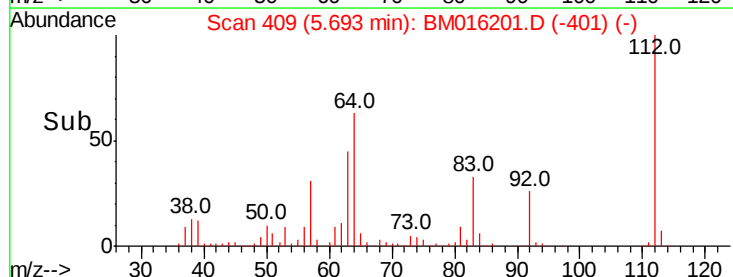
#5

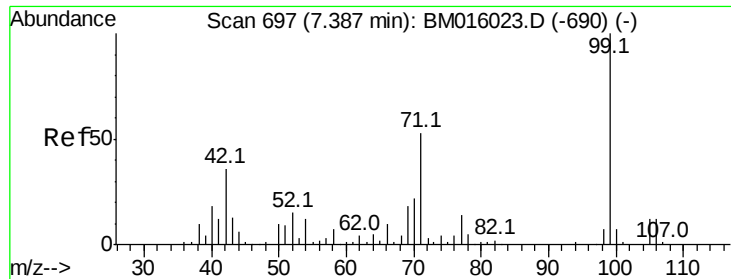
2-Fluorophenol
 Concen: Below ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

Tgt Ion:112 Resp: 263778
 Ion Ratio Lower Upper
 112 100
 64 63.2 38.6 57.8#
 63 44.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampled :

SOIL-4

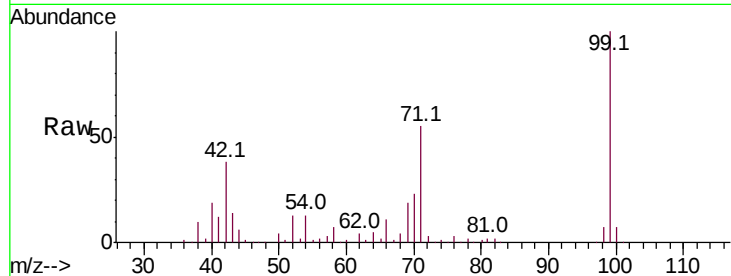
Tot Ion: 99 Resp: 326476

Ion Ratio Lower Upper

99 100

42 37.5 11.0 16.4#

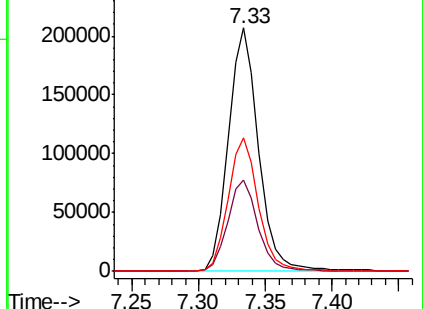
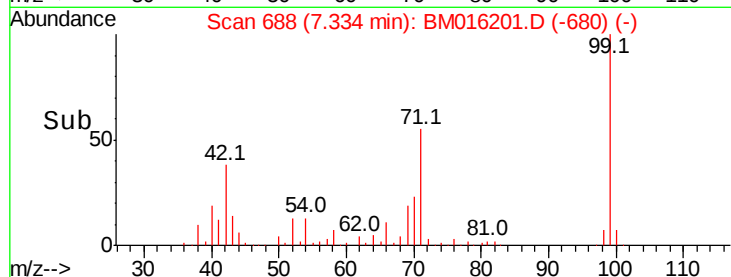
71 54.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016201.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016201.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016201.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

Tgt Ion: 136 Resp: 144384

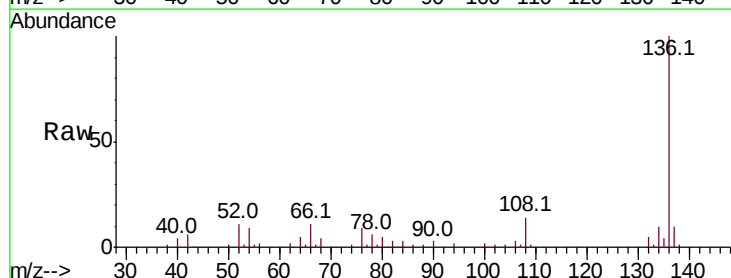
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.2 4.6 6.8#

68 4.2 3.7 5.5

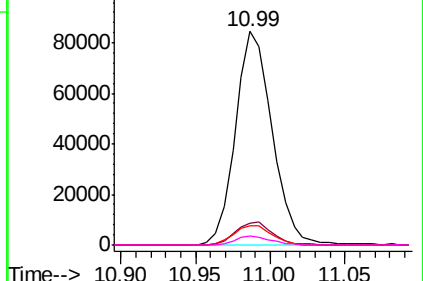
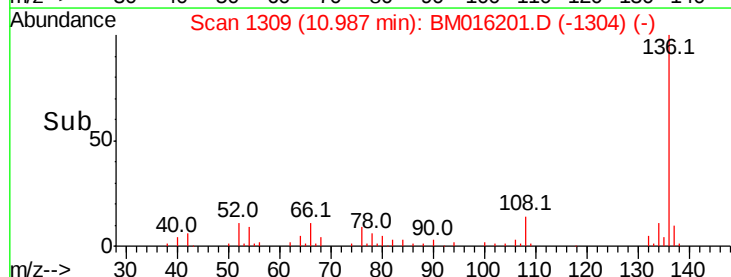


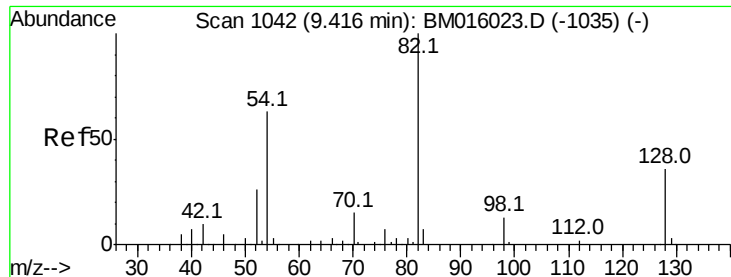
Abundance Ion 136.00 (135.70 to 136.70): BM016201.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016201.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016201.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016201.D (-1304) (-)

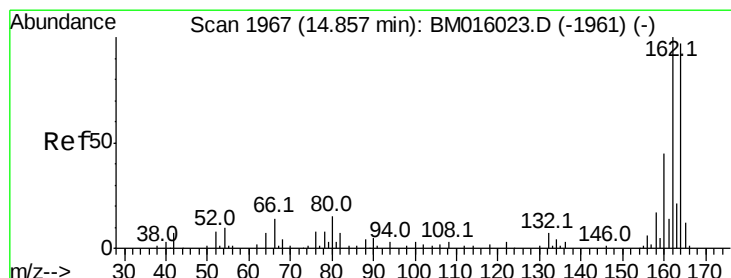
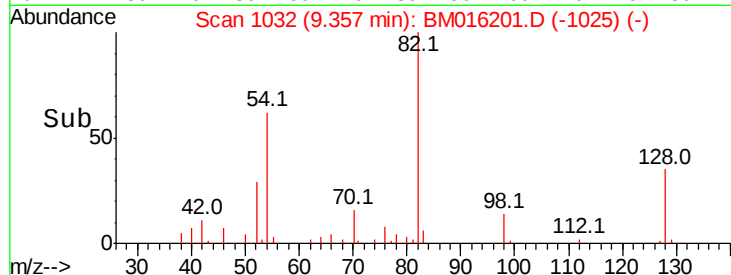
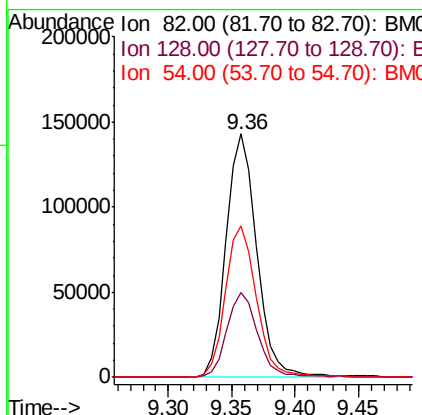
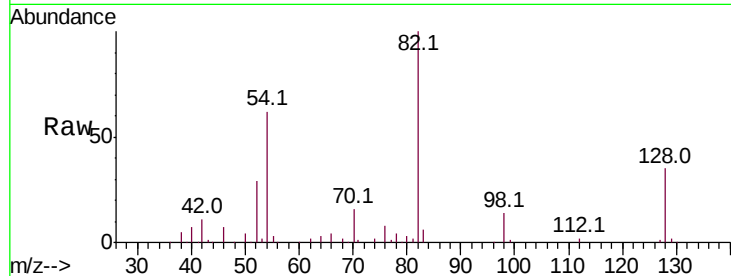




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

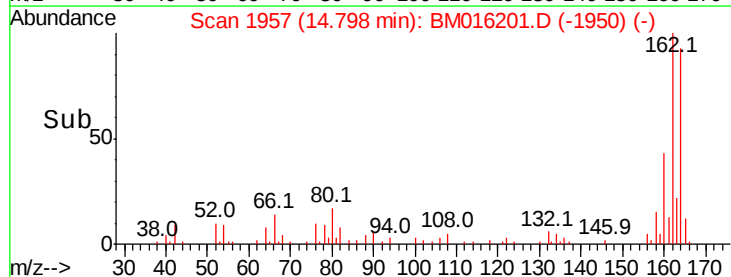
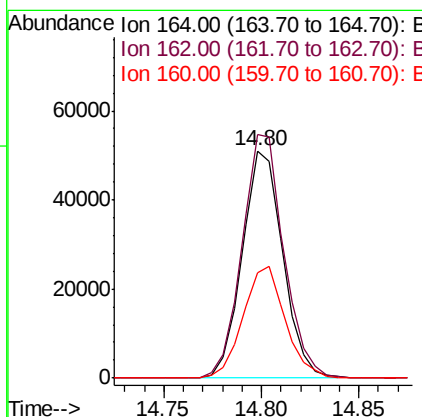
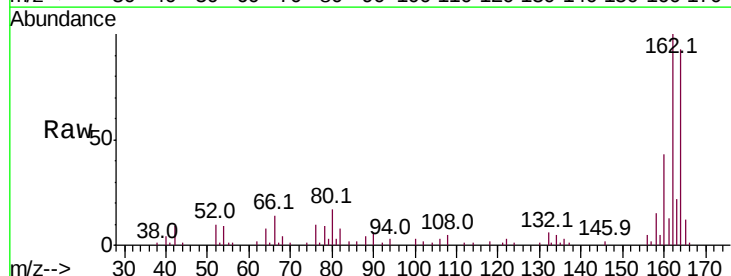
Instrument :
 BNA_M
 ClientSampled :
 SOIL-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	62.4	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1957
 Delta R.T. -0.06 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.4	123.6
160	46.3	35.8	53.6

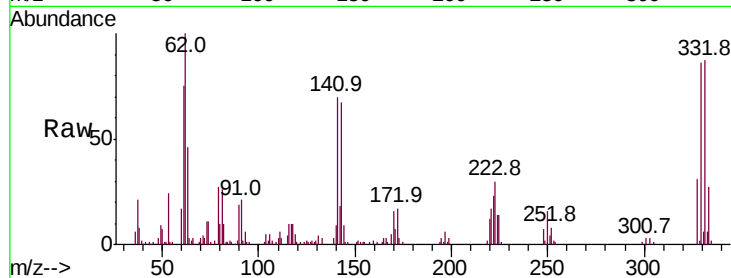




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	79.3	0.0	0.0#

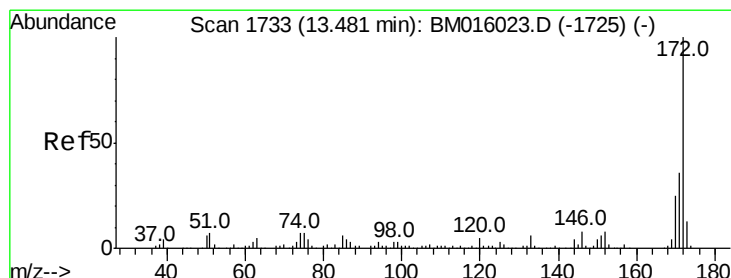
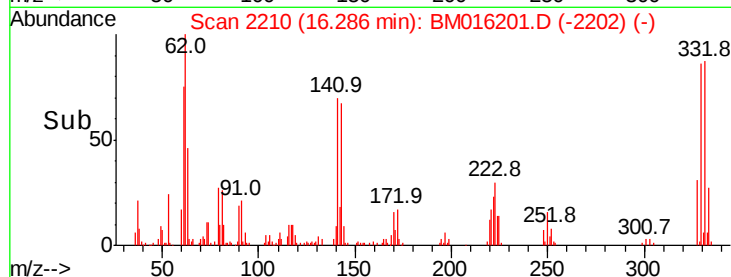
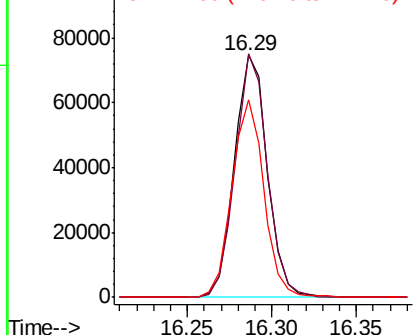


Abundance

Ion 329.80 (329.50 to 330.50): E

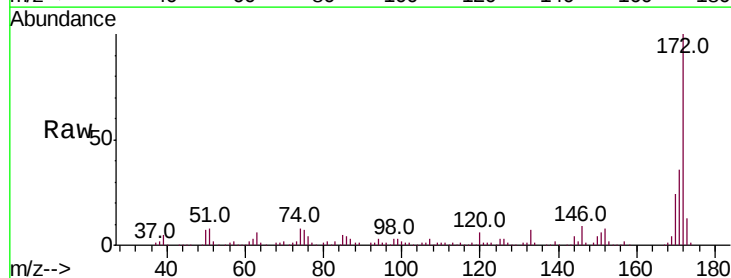
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016201.D
 Acq: 06 Aug 2018 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.1	18.8	28.2

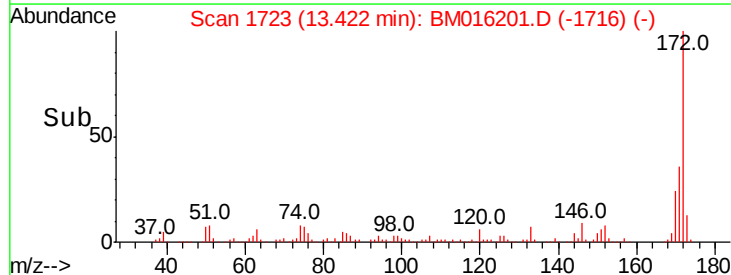
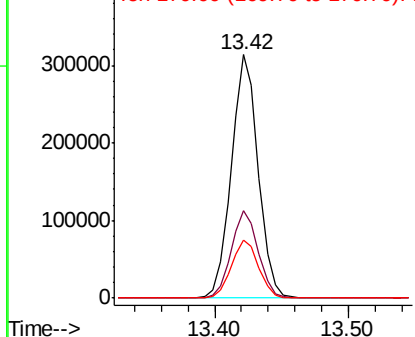


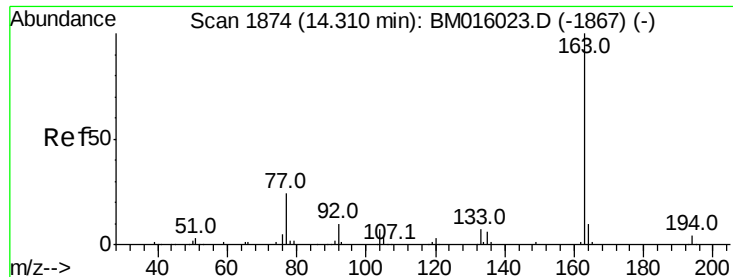
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.103 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.06 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampleId :

SOIL-4

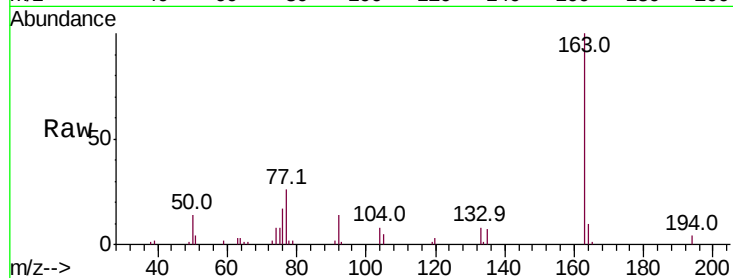
Tot Ion:163 Resp: 45688

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

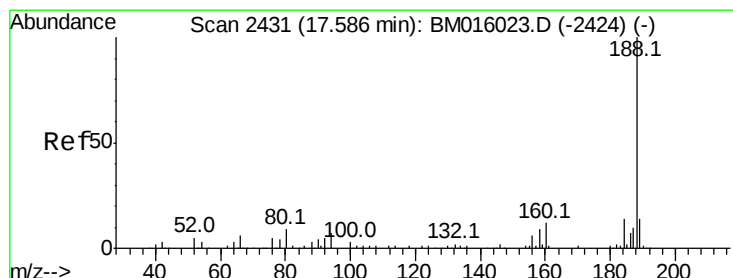
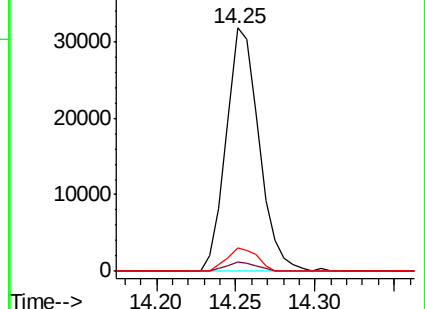
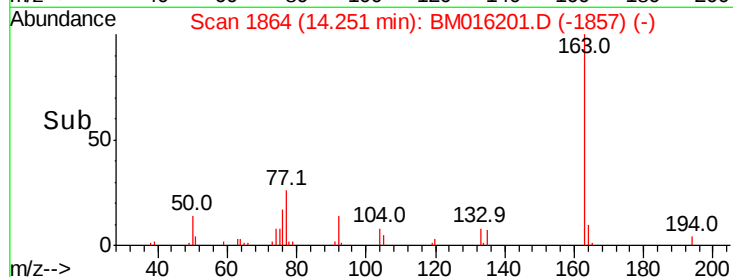
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

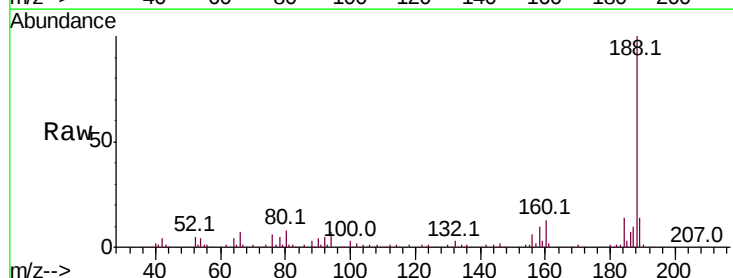
Tgt Ion:188 Resp: 162968

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

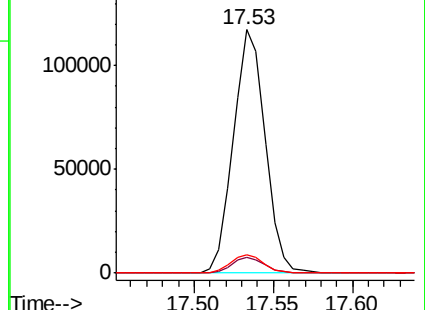
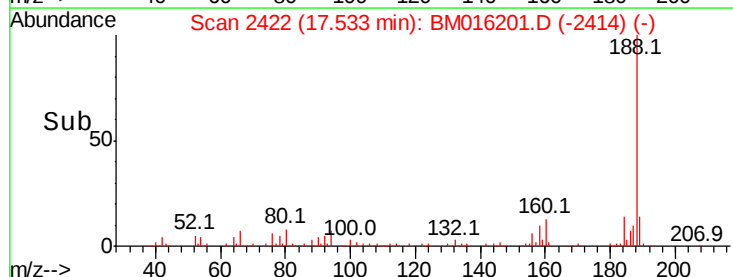
80 7.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampleId :

SOIL-4

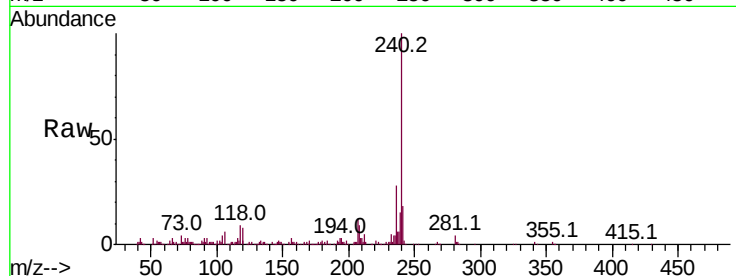
Tot Ion:240 Resp: 185488

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

236 28.0 20.0 30.0



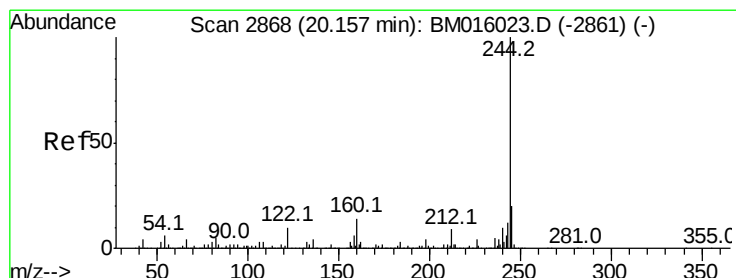
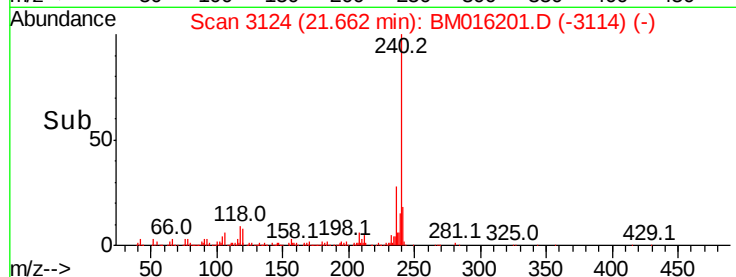
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.66

Time-->



#78

Terphenyl-d14

Concen: Below ng

RT: 20.12 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

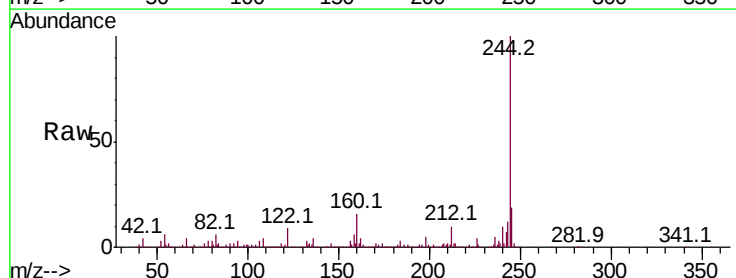
Tgt Ion:244 Resp: 698943

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

122 8.6 6.2 9.4



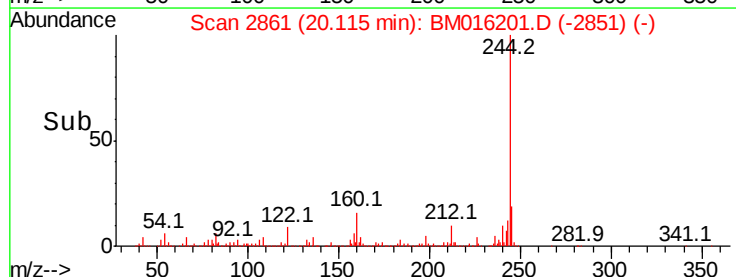
Abundance Ion 244.00 (243.70 to 244.70): E

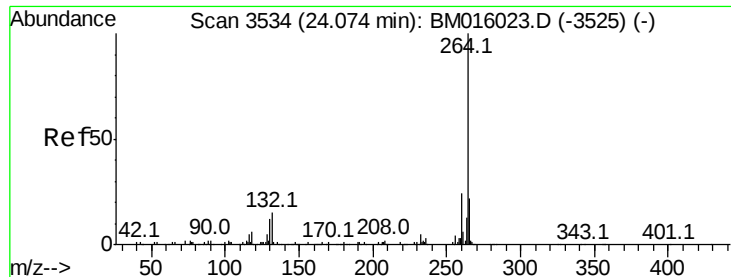
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.12

Time-->

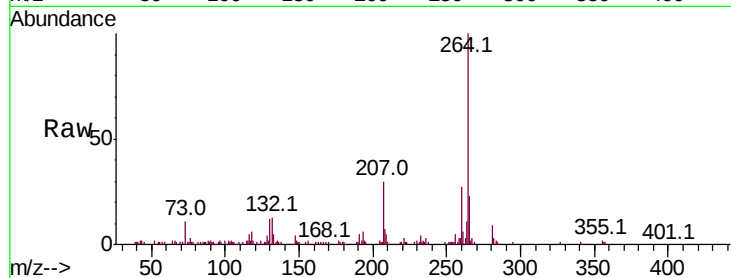




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.01 min Scan# 3523
Delta R.T. -0.06 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Instrument :
BNA_M
ClientSampleId :
SOIL-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.6	27.8
265	22.9	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

